



03-15-04

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PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

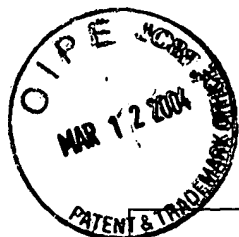
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/680,670
		Filing Date	October 6, 2003
		First Named Inventor	TAKASHIMA, AKIRA
		Group Art Unit	1647
		Examiner Name	
Total Number of Pages in This Submission	7	Attorney Docket Number	SWMC-001DIV
ENCLOSURES (check all that apply)			
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group	
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences	
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information	
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter	
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):	
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Change of Correspondence Address	1. Copies of PTO-892, PTO-SB-08A, and 1449 from the parent	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer	2. Postcard	
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> Request for Refund		
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> CD, Number of CD(s)		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Signing Attorney/Agent (Reg. No.)	JAMES S. KEDDIE, PH.D., 48,920 BOZIOVIC, FIELD & FRANCIS LLP		
Signature			
Date	March 12, 2004		
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Attorney Docket	SWMC-001DIV
	First Named Inventor	TAKASHIMA, AKIRA
	Application Number	10/680,670
	Confirmation No.	5480
	Filing Date	October 6, 2003
	Group Art Unit	1647
	Examiner Name	
Title: "MODULATORS OF POLYSACCHARIDES AND USES THEREOF"		

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. Copies from the parent of forms 1449, PTO-892, and PTO-SB/08A listing the references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

All of the references identified herein were disclosed in parent application serial number 09/532,709 filed 3/22/2000 and as such, copies thereof are not included pursuant to the provisions of 37 CFR § 1.98(d).

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. § 102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. SWMC-001DIV may be charged thereon.

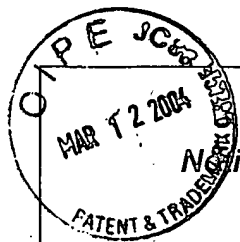
Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: March 12, 2004

By: James S. Keddie

James S. Keddie, Ph.D.
Registration No. 48,920

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Notice of References Cited

Application/Control No.

09/532,709

Applicant(s)/Patent Under

Reexamination

TAKASHIMA ET AL.

Examiner

T. D. Wessendorf

Art Unit

1639

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
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	H	US-			
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FOREIGN PATENT DOCUMENTS

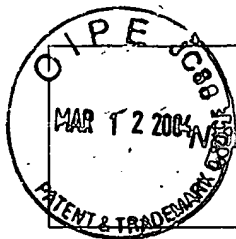
*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
*	N	WO 02/28415A1	04-2002	World	Turley et al	---
	O					
	P					
	Q					
	R					
	S					
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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Notice of References Cited

Application/Control No.

09/532,709

Applicant(s)/Patent Under

Reexamination
TAKASHIMA ET AL.

Examiner

Tahira H Bhatti

Art Unit

1627

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
1	A	US-5,981,478	08-1994	Erkki Ruoslahti	514/10, 514/11, 514/
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
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	K	US-			
	L	US-			
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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)			
2	U	Henri Becquerel, Role of hyaluronic acid in the arterial response to angioplasty, 1998, J. Path. Biol. 46: 561-570			
3	V				
	W				
	X				

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
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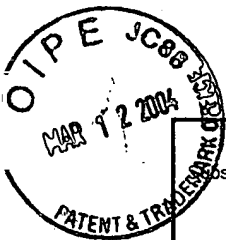


PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/532,709	
			Filing Date	March 22, 2000	
			First Named Inventor	TAKASHIMA, AKIRA	
			Group Art Unit	1627	
			Examiner Name	WESSENDORF, TERESA D.	
Sheet	1	of	1	Attorney Docket Number	SWMC-001

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		WO	93/21312	A1	Turley, E.A.	10-28-1993		
		EP	0950708	A2	Turley, E.A.	10-20-1999		

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		VAN KUPPELT <i>et al.</i> , (1998), <i>J. Biol. Chem.</i> , 273(21):12960-12966	
		LIANG <i>et al.</i> , (1997), <i>FEBS.</i> , 407:169-172	
		KUBENS <i>et al.</i> , (1997), <i>Cancer Lett.</i> , 118:189-200	

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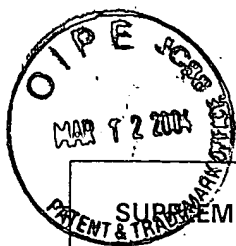
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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SUPPLEMENTAL INFORMATION DISCLOSURE CITATION Form PTO-1449 (Modified) <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. SWMC001	SERIAL NO. 09/532,709 Confirmation No: 8881
	APPLICANT Takashima et al.	
	FILING DATE March 22, 2000	GROUP 1643

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation
					Yes No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

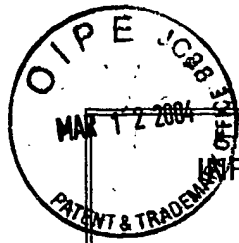
AA	Barbas et al. (1992) "Semisynthetic combinatorial antibody libraries: A chemical solution to the diversity problem." <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89:4457-4461
AB	Garrard et al. (1993) "Selection of an anti-IGF-1 Fab from a Fab phage library created by mutagenesis of multiple CDR loops." <i>Gene</i> , Vol. 128:103-109

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INFORMATION DISCLOSURE CITATION

Form PTO-1449 (Modified)

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ATTY. DOCKET NO.

SWMC-001

SERIAL NO.

09/532,709

APPLICANT

Takashima et al.

FILING DATE

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1643

U.S. PATENT DOCUMENTS

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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

*	AA	Dougherty et al. (March 25, 1994), "Ligand Binding Specificity of Alternatively Spliced CD44 Isoforms-Recognition and Binding of Hyaluronan by CD44R1." <i>The Journal of Biological Chemistry</i> , Vol. 269(12):9074-9078.
*	AB	Levesque et al. (1996), "In Vitro Culture of Human Peripheral Blood Monocytes Induces Hyaluronan Binding and Up-Regulates Monocyte Variant CD44 Isoform Expression." <i>The Journal of Immunology</i> , Vol. 156:1557-1565.
*	AC	Steinman, Ralph (1991), "The Dendritic Cell System and its Role in Immunogenicity." <i>Ann. Rev. Immunol.</i> , Vol. 9:271-296.
*	AD	Turley et al. (March 1991), "Hyaluronan and a Cell-associated Hyaluronan Binding Protein Regulate the Locomotion of Ras-transformed Cells." <i>The Journal of Cell Biology</i> , Vol. 112(5):1041-1047.

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DATE: March 12, 2004



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Mike Dakan

Date

03/12/04

Atty. Docket No.	Serial Number	Description	Atty.	Fee
KINE-001CON3	10/733,015	Express Abandonment	PJS	
SWMC-001DIV	10/680,670	Transmittal, IDS, Copies of 1449's and PTO-892's from Parent	JSK	
STAN-186CON	10/655,557	Transmittal, Fee Transmittal <i>in duplicate</i> , Copy of Notice to File Missing Parts, Preliminary Amendment, IDS, SB08A, Copies of 1449's and PTO-892's from Parent, Copies of (3) Cited References	FPB	\$574
LIFE-036	10/263,610	Transmittal, Amendment	FPB	
AERX-067CON	10/095,898	PTOL-85B <i>in duplicate</i>	PAB	\$1,630
UCAL-305CON4	10/648,619	Transmittal, Preliminary Amendment	PAB	
XLXS-001	10/638,225	Transmittal, Fee Transmittal <i>in duplicate</i> (Petition for a 2 Month Extension of Time), Marked-Up OFR, Request for Corrected Filing Receipt, Copy of Notice3 to File Missing Parts, Executed Declaration <i>in counterparts</i>	PAB	\$550
IRVN-007CON	09/712,813	Transmittal, Fee Transmittal <i>in duplicate</i> , Amendment After Final Rejection	CLF	\$160